

FIG.1

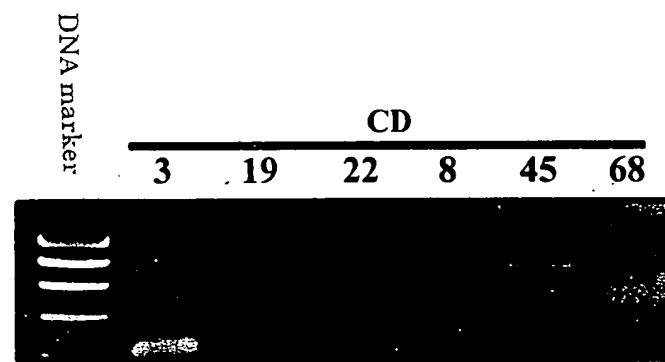


FIG.2

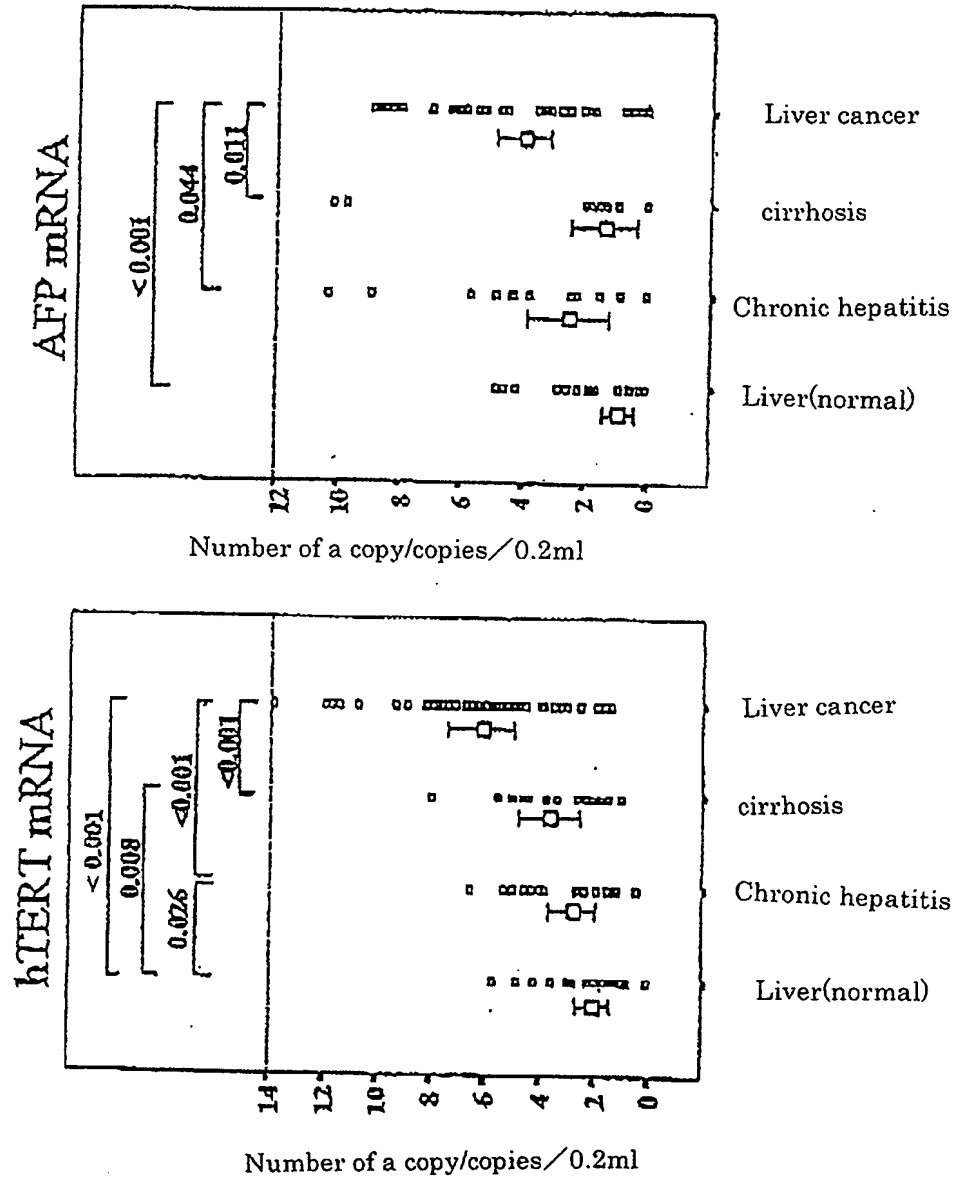


FIG.3

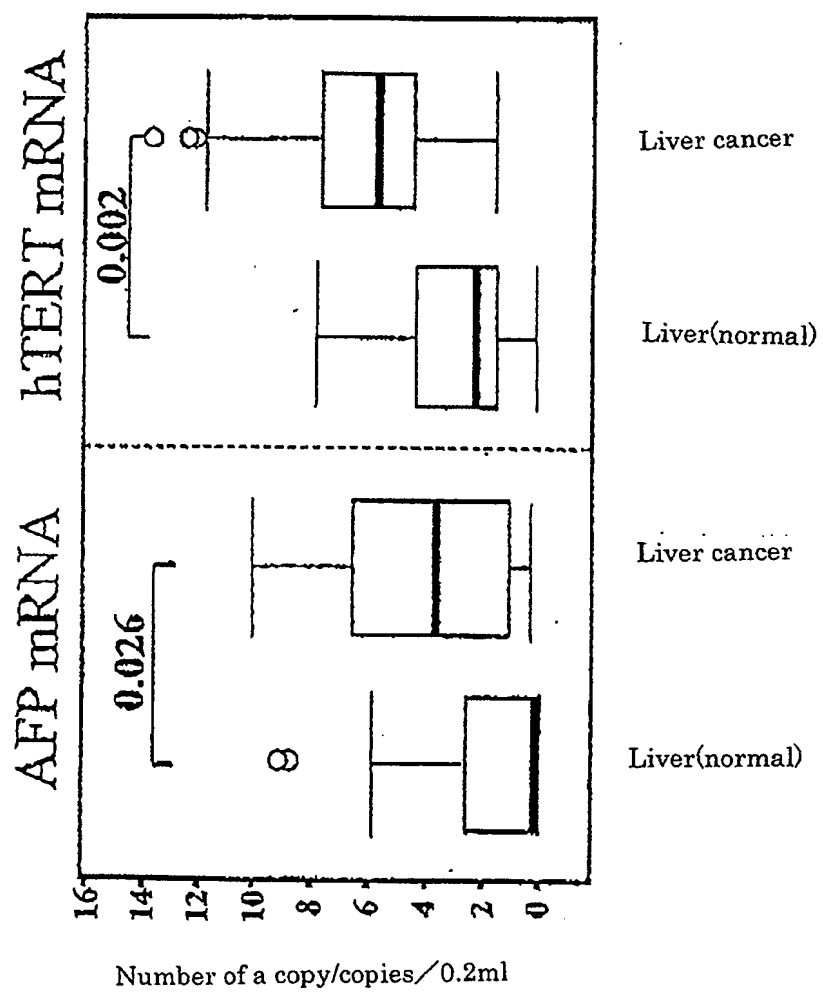


FIG.4

A multivariate analysis			
Clinical marker		hTERT mRNA	AFT mRNA
		P value	P value
Age	59 years old on average: (subjects ranged between 22 years old to 83 years old)	0.008	0.793
sex	male 72 female 52	0.761	0.089
cause of disease	type B hepatitis 21 type C hepatitis 51	0.250	0.651
	type B type C hepatitis 3 non-B non-C hepatitis 2		
	alcohol 3		
non tumor region			
	normal 31	0.060	0.973
	primary biliary cirrhosis 2		
	Chronic hepatitis 19		
	Cirrhosis 62		
Albumin(g/dl)		0.013	0.340
Bilirubin(mg/dl)		0.973	0.693
ALT(U/L)		0.533	0.149
Child-Pugh	A 21 B 43 C 5	0.196	0.573
AFT (ng/ml)		0.311	0.319
ΔAFT-13 (%)		0.123	0.425
DCP (mAU/ml)		0.254	0.651
Diameter of tumor	2cm> 13 2-3 cm 26 3 cm< 10	<0.001	0.061
Number of tumors	1 10 2 22 3≤ 22	<0.001	0.123
Degree of differentiation of tumor	AAH 3 High 28 Medium 12 Low 1	0.050	0.096

FIG.5

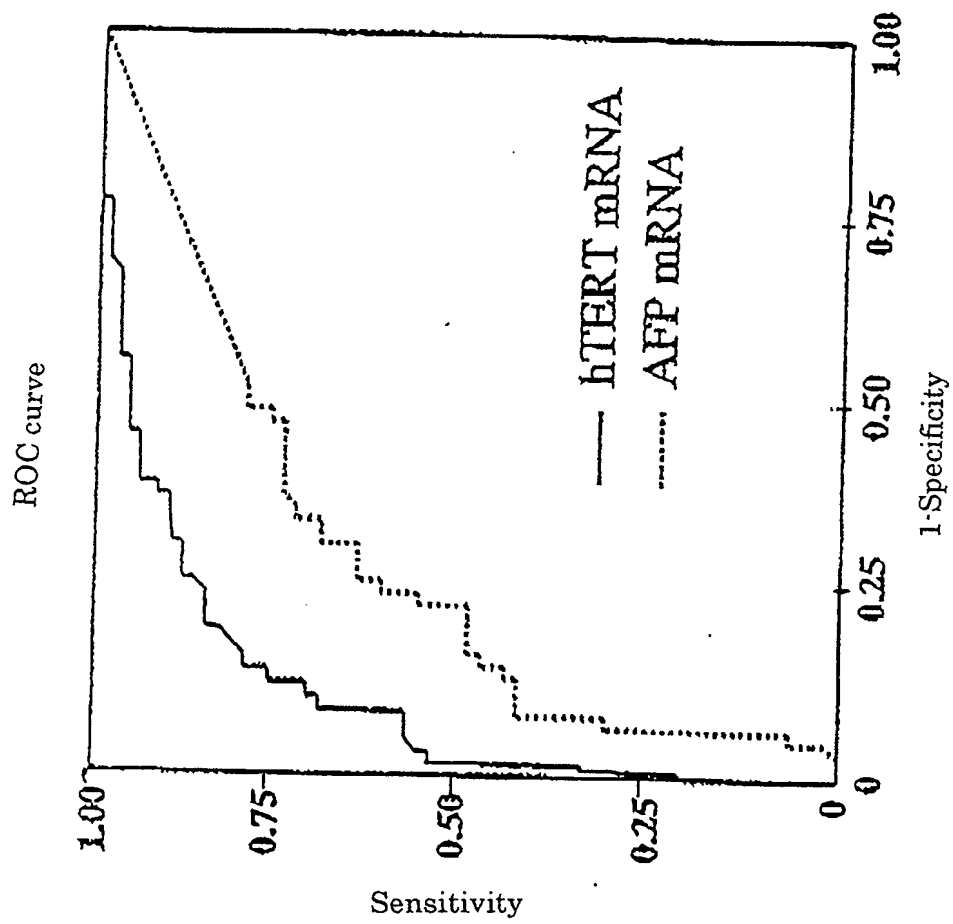


FIG.6

chronic hepatitis			
cirrhosis		hepatoma	hepatoma
(n=40)		(n=54)	(n=54)
cirrhosis →		hepatoma	hepatoma
(n=40)		(n=20)	(n=54)
Tumor marker			
AFP	0.376	0.532	
AFP-L3	0.144	0.228	
DCP	0.317	0.479	
AFP mRNA	0.001	0.001	
hTERT mRNA	<0.001	<0.001	
Biochemical profile views			
Alb	<0.001	0.040	
ALT	0.018	0.031	
Child-Pugh	0.001	0.095	

FIG.7

Sensitivity and 1-Specificity of lung cancer tumor marker

	Sensitivity	1-Specificity	P value
AFP	0.693	0.400	0.002
AFP-L3	0.563	0.075	0.304
DCP	0.815	0.365	< 0.001
AFP mRNA	0.716	0.325	< 0.001
hTERT mRNA	0.859	0.300	< 0.001